

### **INPUT SET: S19126.raw**

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This Raw Listing contains the General Information Section and up to the first 5 pages.

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## SEQUENCE LISTING

**3 (1) General Information:**

5 (i) APPLICANT: Weiner, Amy J.  
6 Houghton, Michael

8 (ii) TITLE OF INVENTION: Conserved Motif of Hepatitis C Virus  
9 E2/NS1 Region

11 (iii) NUMBER OF SEQUENCES: 133

13 (iv) CORRESPONDENCE ADDRESS:  
14 (A) ADDRESSEE: Chiron Corporation  
15 (B) STREET: 4560 Horton Street  
16 (C) CITY: Emeryville  
17 (D) STATE: CA  
18 (E) COUNTRY: USA  
19 (F) ZIP: 94608-2916

21 (v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: Floppy disk  
23 (B) COMPUTER: IBM PC compatible  
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

27 (vi) CURRENT APPLICATION DATA:

28 (A) APPLICATION NUMBER: 08/823,980  
29 (B) FILING DATE: 25-MAR-1997  
30 (C) CLASSIFICATION: 424

32 (vii) PRIOR APPLICATION DATA:

33 (A) APPLICATION NUMBER: US/08/757,958  
34 (B) FILING DATE:

36 (A) APPLICATION NUMBER: US 08/061,699  
37 (B) FILING DATE: 12-MAY-1993

39 (viii) ATTORNEY/AGENT INFORMATION:

40 (A) NAME: Goldman, Kenneth M.  
41 (B) REGISTRATION NUMBER: 34,174  
42 (C) REFERENCE/DOCKET NUMBER: 0938.001

**44 (ix) TELECOMMUNICATION INFORMATION:**

45 (A) TELEPHONE: 510-601-2719  
46 (B) TELEFAX: 510-655-3542

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PATENT APPLICATION US/08/823,980DATE: 07/22/97  
TIME: 07:37:40

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47  
48  
49 (2) INFORMATION FOR SEQ ID NO:1:  
50  
51 (i) SEQUENCE CHARACTERISTICS:  
52 (A) LENGTH: 6 amino acids  
53 (B) TYPE: amino acid  
54 (C) STRANDEDNESS: single  
55 (D) TOPOLOGY: linear  
56  
57 (ii) MOLECULE TYPE: peptide  
58  
59  
60 (ix) FEATURE:  
61 (A) NAME/KEY: Xaa  
62 (B) LOCATION: 1  
63 (D) OTHER INFORMATION: /label= variable  
64 /note= "Represents Ala, Arg, Asp, Gly, Lys, Ser,  
65 or Thr"  
66  
67 (ix) FEATURE:  
68 (A) NAME/KEY: Xaa  
69 (B) LOCATION: 2  
70 (D) OTHER INFORMATION: /label= variable  
71 /note= "Represents Ile, Leu, Met, Phe or Trp"  
72  
73 (ix) FEATURE:  
74 (A) NAME/KEY: Xaa  
75 (B) LOCATION: 3  
76 (D) OTHER INFORMATION: /label= variable  
77 /note= "Represents Leu or Phe"  
78  
79 (ix) FEATURE:  
80 (A) NAME/KEY: Xaa  
81 (B) LOCATION: 6  
82 (D) OTHER INFORMATION: /label= variable  
83 /note= "Represents Ala or Gly"  
84  
85  
86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
87  
88 Xaa Xaa Xaa Xaa Xaa Xaa  
89 1 5  
90  
91 (2) INFORMATION FOR SEQ ID NO:2:  
92  
93 (i) SEQUENCE CHARACTERISTICS:  
94 (A) LENGTH: 32 amino acids  
95 (B) TYPE: amino acid  
96 (C) STRANDEDNESS: single  
97 (D) TOPOLOGY: linear  
98  
99 (ii) MOLECULE TYPE: peptide

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100  
101       (ix) FEATURE:  
102           (A) NAME/KEY: Xaa  
103           (B) LOCATION: 2  
104           (D) OTHER INFORMATION: /label= Xaa=Ahe  
105           /note= 2-amino heptanoic is butyl alanine  
106  
107  
108       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
109  
110       Cys Xaa Glu Thr His Val Thr Gly Gly Ser Ala Gly His Thr Val Ser  
111       1                   5                   10                           15  
112  
113       Gly Phe Val Ser Leu Leu Ala Pro Gly Ala Lys Gln Asn Val Gln Leu  
114       20                                   25                                   30  
115  
116       (2) INFORMATION FOR SEQ ID NO:3:  
117  
118       (i) SEQUENCE CHARACTERISTICS:  
119           (A) LENGTH: 5 amino acids  
120           (B) TYPE: amino acid  
121           (C) STRANDEDNESS: single  
122           (D) TOPOLOGY: linear  
123  
124       (ii) MOLECULE TYPE: peptide  
125  
126  
127  
128       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
129  
130       Val Ser Leu Leu Ala  
131       1                   5  
132  
133       (2) INFORMATION FOR SEQ ID NO:4:  
134  
135       (i) SEQUENCE CHARACTERISTICS:  
136           (A) LENGTH: 7 amino acids  
137           (B) TYPE: amino acid  
138           (C) STRANDEDNESS: single  
139           (D) TOPOLOGY: linear  
140  
141       (ii) MOLECULE TYPE: peptide  
142  
143  
144  
145       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
146  
147       Ser Leu Leu Ala Pro Gly Ala  
148       1                   5                   4  
149  
150       (2) INFORMATION FOR SEQ ID NO:5:  
151  
152       (i) SEQUENCE CHARACTERISTICS:

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153 (A) LENGTH: 5 amino acids  
154 (B) TYPE: amino acid  
155 (C) STRANDEDNESS: single  
156 (D) TOPOLOGY: linear  
157  
158 (ii) MOLECULE TYPE: peptide  
159  
160  
161  
162 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
163  
164 Leu Ala Pro Gly Ala  
165 1 5  
166  
167 (2) INFORMATION FOR SEQ ID NO:6:  
168  
169 (i) SEQUENCE CHARACTERISTICS:  
170 (A) LENGTH: 7 amino acids  
171 (B) TYPE: amino acid  
172 (C) STRANDEDNESS: single  
173 (D) TOPOLOGY: linear  
174  
175 (ii) MOLECULE TYPE: peptide  
176  
177  
178 (ix) FEATURE:  
179 (A) NAME/KEY: Xaa  
180 (B) LOCATION: 7  
181 (D) OTHER INFORMATION: /label= variable  
182 /note= "Represents Ala, Pro or Ser"  
183  
184  
185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
186  
187 Ser Leu Leu Xaa Xaa Gly Xaa  
188 1 5  
189  
190 (2) INFORMATION FOR SEQ ID NO:7:  
191  
192 (i) SEQUENCE CHARACTERISTICS:  
193 (A) LENGTH: 7 amino acids  
194 (B) TYPE: amino acid  
195 (C) STRANDEDNESS: single  
196 (D) TOPOLOGY: linear  
197  
198 (ii) MOLECULE TYPE: peptide  
199  
200  
201 (ix) FEATURE: 4  
202 (A) NAME/KEY: Xaa  
203 (B) LOCATION: 7  
204 (D) OTHER INFORMATION: /label= variable  
205 /note= "Represents Ala, Pro or Ser"

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206  
207  
208 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
209  
210 Ser Leu Phe Xaa Xaa Gly Xaa  
211 1 5  
212  
213  
214 (2) INFORMATION FOR SEQ ID NO:8:  
215  
216 (i) SEQUENCE CHARACTERISTICS:  
217 (A) LENGTH: 31 amino acids  
218 (B) TYPE: amino acid  
219 (C) STRANDEDNESS: single  
220 (D) TOPOLOGY: linear  
221  
222 (ii) MOLECULE TYPE: peptide  
223  
224  
225  
226  
227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
228  
229 Xaa Thr Xaa Val Thr Gly Gly Xaa Ala Ala Arg Thr Thr Xaa Gly Xaa  
230 1 5 10 15  
231  
232 Xaa Ser Leu Phe Xaa Xaa Gly Xaa Ser Gln Xaa Ile Gln Leu Ile  
233 20 25 30  
234  
235  
236 (2) INFORMATION FOR SEQ ID NO:9:  
237  
238 (i) SEQUENCE CHARACTERISTICS:  
239 (A) LENGTH: 31 amino acids  
240 (B) TYPE: amino acid  
241 (C) STRANDEDNESS: single  
242 (D) TOPOLOGY: linear  
243  
244 (ii) MOLECULE TYPE: peptide  
245  
246  
247  
248  
249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
250  
251 Ala Thr Tyr Ala Thr Gly Ala Ala Gln Gly His Ala Thr Asn Ser Phe  
252 1 5 10 - 15  
253  
254 Val Ser Leu Phe Arg Ser Gly Ala Ser Gln Asn Leu Lys Leu Val  
255 20 25 30  
256  
257 (2) INFORMATION FOR SEQ ID NO:10:  
258

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**SEQUENCE VERIFICATION REPORT**  
PATENT APPLICATION **US/08/823,980**

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Original Text